

**B. To the Claims**

*Applicants request that the Examiner enter the amendments to the claims set forth below. Claims 5, 7, 9, 11-16, 18-40, 44-49, 51-77, 79-117 are amended. For the PTO's convenience, claims that remain unchanged are included below in order to allow the Examiner to review all pending claims from this response in their numerical order.*

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5 (Amended) A method of controlling a remote intermediate transmitter station to communicate at least one instruct signal to at least one receiver station, said remote intermediate transmitter station including one of a broadcast and a cablecast transmitter for transmitting said at least one instruct signal which is effective at said at least one receiver station to instruct one of a computer and a processor, a plurality of selective transfer devices each operatively connected to said one of a broadcast and a cablecast transmitter, said plurality of selective transfer devices each being adapted for communicating said at least one instruct signal, a receiver for receiving said at least one instruct signal from at least one origination transmitter station, a control signal detector, and said one of a controller and a computer capable of controlling at least one of said plurality of selective transfer devices, said remote intermediate transmitter station being adapted to detect the presence of [said] at least one control signal, to control communication of a first instruct signal in response to said at least one control signal, and to deliver at said one of a broadcast and a cablecast transmitter said first instruct signal, said method comprising the steps of:

receiving said first instruct signal at said at least one origination transmitter station and delivering said first instruct signal to [at] at least one origination transmitter;

receiving said at least one control signal which is operable at said remote intermediate transmitter station to control [the] communication of said first instruct signal; and

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transmitting said at least one control signal [to] from said at least one origination transmitter before a specific time.

6. (Unchanged) The method of claim 5, wherein said at least one control signal includes at least one of a code and a datum which operates at said remote intermediate transmitter station to identify at least one of said first instruct signal and some information associated with said first instruct signal, said method further comprising the step of:

transmitting a second instruct signal which operates at said remote intermediate transmitter station at said specific time to communicate said first instruct signal to said one of a broadcast and a cablecast transmitter.

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7. (Amended) The method of claim 5, wherein said specific time is a scheduled time of transmitting one of said first instruct signal[,] and some information associated with said first instruct signal and wherein said at least one control signal is effective at said remote intermediate transmitter station to control at least one of said plurality of selective transfer devices at different times.

8. (Unchanged) The method of claim 5, further comprising the step of embedding a specific control signal at least one of in said instruct signal and in an information transmission containing said instruct signal before transmitting said instruct signal to said remote intermediate transmitter station.

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9. (Amended) The method of claim 5, wherein said remote intermediate transmitter station communicates said first instruct signal according to a schedule, and a specific control signal is effective at said remote intermediate transmitter station to

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G4Cmt/ communicate said first instruct signal to one of said [plurality of] broadcast and cablecast  
[transmitters at a plurality of times] ~~transmitter.~~

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10. (Unchanged) A method of controlling a remote intermediate data transmitter station to communicate data to at least one receiver station, said remote intermediate data transmitter station including one of a broadcast and a cablecast transmitter for transmitting said data, a plurality of selective transfer devices each operatively connected to said one of a broadcast and a cablecast transmitter, a data receiver for receiving said data from at least one origination transmitter station, a control signal detector, and one of a controller and a computer capable of controlling at least one of said plurality of selective transfer devices, said remote intermediate data transmitter station adapted to detect at least one control signal, to control communication of said data in response to said at least one control signal, and to deliver said data at said one of a broadcast and a cablecast transmitter, said method comprising the steps of:

receiving said data at said at least one origination transmitter station and delivering said data to at least one origination transmitter, said data comprising an instruct signal;

receiving said at least one control signal which at said remote intermediate data transmitter station operates to control communication of said data; and

transmitting said at least one control signal to said at least one origination transmitter before a specific time.

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G4  
G4Cmt/ Sub 15 11. (Amended) A method of controlling a remote television transmitter station to communicate television program material to at least one receiver station, said remote television transmitter station including one of a broadcast and a cablecast transmitter for transmitting television programming, a plurality of selective transfer devices each operatively connected to said one of a broadcast and a cablecast transmitter

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9 Cont.

for communicating said television programming, a television receiver for receiving said television programming from at least one origination transmitter station, a control signal detector, and a one of controller and a computer capable of controlling said at least one of said selective transfer devices, said remote television transmitter station being adapted to detect the presence of at least one control signal, to control the communication of said television programming in response to said at least one control signal, and to deliver at said one of a broadcast and a cablecast transmitter said television programming, said method comprising the steps of:

receiving said television programming at said at least one origination transmitter station and delivering said television programming to at least one origination transmitter, said television programming including a plurality of images to be outputted at said at least one receiver station in a predetermined sequence;

receiving said at least one control signal, which at said remote intermediate television transmitter station operates to control communication of said television programming; and

transmitting said at least one control signal to said at least one origination transmitter before a specific time.

12. (Amended) A method of controlling communication between an intermediate data transmitter station and a plurality of remote receiver stations, said intermediate data transmitter station having a plurality of transfer devices and one of a controller and a computer operatively connected to said plurality of transfer devices, each of said plurality of remote receiver stations having a signal detector and a receiver station processor, said plurality of remote receiver stations each being adapted to detect at least one control signal, said method comprising the steps of:

receiving data at said intermediate data transmitter station, said data including (i) at least one of video, audio, [text,] and remote control signals, and (ii) an instruct signal

which is [operable] operative to transmit some of said data from said plurality of remote receiver stations;

receiving said at least one control signal at said intermediate data transmitter station, said one or more control signals being operative to delay transmission of at least a portion of said data; and

transmitting said data, said instruct signal and said at least one control signal from said intermediate data transmitter station to said plurality of remote receiver stations.

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13. (Amended) A method of communicating television program material from a television transmitter station to at least one television receiver station, said television transmitter station including at least one of a broadcast and a cablecast transmitter, a selective transfer device, at least one television programming source, a processor, at least one of a decoder and a detector, said one of a broadcast and a cablecast transmitter being adapted for transmitting a television signal to said [one or more] at least one television receiver [stations] station, said selective transfer device being adapted for communicating at least one receiver control signal, [each of] said at least one television programming source [being adapted for] outputting at least one television signal, said processor being adapted for identifying at least one portion of a signal, and said at least one of [said] a decoder and [said] a detector being operatively connected to said processor for at least one of decoding an identifier code and detecting at least one identifier datum, said method comprising the steps of:

receiving and storing a selection control signal;

receiving from at least one remote transmission station an information transmission containing said at least one television signal and at least one instruct signal;

passing at least some of said at least one television signal to said at least one of [said] a decoder and [said] a detector and at least one of decoding and detecting said at least one instruct signal;

controlling said selective transfer device to communicate said at least one receiver control signal based on said selection control signal and said [at least one of decoded and detected] at least one instruct signal;

communicating said at least one television signal from said at least one television programming source to at least one of said one of a broadcast and a cablecast transmitter based on said step of controlling said selective transfer device; and

transmitting said at least one television signal and said at least one receiver control signal to said [one or more] at least one television receiver [stations] station.

14. (Amended) The method of claim 13, wherein said selective transfer device includes a plurality of outputs, said method further comprising the step of:

controlling said selective transfer device to transfer said television [programming] program material to each of said plurality of outputs.

15. (Amended) The method of claim 13, wherein said selective transfer device includes a plurality of inputs, said method further having one step from the group consisting of:

controlling said selective transfer device to transfer some of said television [programming] program material from one of said plurality of inputs in accordance with said selection control signal;

controlling said [plurality of] selective transfer [devices] device to transfer some of said television [programming] program material from at least one of said plurality of inputs on the basis of said at least one instruct signal; and

controlling said [plurality of] selective transfer [devices] device to transfer some of said television [programming] program material from each of said plurality of inputs.

G5 16. (Amended) The method of claim 13, wherein said selection control signal [is] comprises a schedule for transmitting television programming contained in said at least one television signal and said at least one instruct signal designates at least one [or more units] unit of said television programming, said method further comprising the steps of:

selecting said at least one unit of said television programming [unit] on the basis of said at least one instruct signal; and

transmitting said at least one unit of said television programming according to said schedule.

17. (Unchanged) The method of claim 13, wherein said television transmitter station receives a plurality of instruct signal types from said at least one remote transmission station, said method further having one step from the group consisting of:

controlling said selective transfer device to communicate television programming from a selected input source in response to an instruct signal;

controlling said selective transfer device to communicate television programming from a selected input source in response to an instruct immediate transmission signal;

controlling said selective transfer device to communicate television programming to a storage device in response to an instruct delayed transmission signal; and

programming said television transmitter station to respond to a plurality of instruct signal types.

G6 Gmf 18. (Amended) The method of claim 13, wherein said information transmission includes digital data, said method further having one step selected from the group of steps consisting of:

identifying a source of said information transmission based on said [display] digital data;

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Amended

programming said television transmitter station to select television programming based on said information transmission;  
selecting said television programming based on information contained in said information transmission;  
communicating said television programming from said [program input receiver] at least one television programming source based on [said one of decoded and detected] said at least one instruct signal; and  
communicating television programming to a storage device based on said information transmission.

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19. (Amended) The method of claim 13, wherein said selective transfer device [is] comprises a storage device, said method further comprising one step selected from the group of steps consisting of:  
selecting said storage device based on said selection control signal;  
selecting said storage device based on information contained in said information transmission;  
controlling said selective transfer device to communicate said television [programming] program material to said storage device;  
communicating said television [programming] program material from [said] a program input receiver to said storage device;  
controlling said storage device to one of store and output television programming based on one of said selection control signal and [said] information contained in said information transmission;  
passing said at least one instruct signal from said storage device to a second one of a decoder and a detector;  
informing said [computer] processor of specific television programming stored at said storage device based on said at least one instruct signal; and



controlling said selective transfer device to communicate said television  
[programming] program material from said storage device.

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20. (Amended) A method of communicating television program material from a television transmitter station to a plurality of television receiver stations, said television transmitter station including a plurality of one of broadcast and cablecast transmitters, a switch having a plurality of inputs, a television programming source, a computer, at least one of a decoder and a detector, each of said plurality of one of broadcast and cablecast transmitters being adapted for transmitting television programming, said switch being operatively connected to said plurality of one of broadcast and cablecast transmitters for communicating said television programming, said television programming source being operatively connected to one of said plurality of inputs, said computer being operatively connected to at least one of said switch and said television programming source for controlling said at least one of said switch and said television programming source, said at least one of [said] a decoder and [said] a detector being operatively connected to said computer for at least one of decoding and detecting an instruct signal, said method comprising the steps of:

- receiving and storing a selection control signal;
- selecting one of said plurality of one of broadcast and cablecast transmitters in accordance with said selection control signal;
- receiving from a remote station one of a broadcast and a cablecast information transmission [comprising] including said instruct signal;
- passing at least some of said one of a broadcast and a cablecast information transmission to said at least one of [said] a decoder and [said] a detector and one of decoding and detecting said instruct signal;
- controlling said at least one of said switch and said television programming source to communicate said television programming to said selected one of said plurality of one

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of broadcast and [a] cablecast transmitters at a specific time based on said instruct signal;  
and  
transmitting said television programming from said television programming  
source to said plurality of television receiver stations.

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21. (Amended) The method of claim 20, wherein said television  
[programming source] transmitter station receives said television programming from a  
remote station, and said television programming is transmitted immediately to said  
plurality of television receiver stations.

22. (Amended) The method of claim 20, wherein said television  
programming source includes a storage device, said method further comprising one step  
selected from the group consisting of:  
selecting said storage device in response to [one of] said instruct signal;  
controlling said storage device to one of store and communicate said television  
programming based on said instruct signal;  
passing said instruct signal from said storage device to a second one of a decoder  
and a detector;  
informing said computer of specific television programming stored at said storage  
device based on said instruct signal; and  
controlling said switch to communicate said television programming from said  
storage device to an output device in accordance with one of said selection control signal  
and said instruct signal.

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23. (Amended) A method of communicating television program material  
from a television transmitter station to a plurality of television receiver stations, said  
television transmitter station including a plurality of one of broadcast and cablecast

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transmitters, a switch having a plurality of inputs, a television programming source, a computer, at least one of a decoder and a detector, each of said plurality of one of broadcast and cablecast transmitters being adapted for transmitting said television program material, said switch being operatively connected to at least one of said plurality of one of broadcast and cablecast transmitters for communicating said television [programming] program material, said television programming source being operatively connected to one of said plurality of inputs, said computer being operatively connected to at least one of said switch and said television programming source, said computer being effective for controlling said at least one of said switch and said television programming source, said at least one of [said] a decoder and [said] a detector being operatively connected to said computer for at least one of decoding and detecting [said] an instruct signal, said method comprising the steps of:

receiving and storing a communication control signal;

receiving from at least one remote station an information transmission containing an instruct selection signal;

passing at least some of said information transmission to said at least one of [said] a decoder and [said] a detector and at least one of decoding and detecting said instruct selection signal;

selecting said at least one of said plurality of one of broadcast and cablecast transmitters in accordance with said instruct selection signal,

controlling said at least one of said switch and said television programming source to communicate said television program material in accordance with said communication control signal; and

transmitting said television program material to said plurality of television receiver stations.

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24. (Amended) The method of claim 23, wherein said television programming source receives a television signal and an instruct delayed transmission signal from said at least one remote station, said method further comprising the steps of:  
selecting at least some of said television signal based on one of said communication control signal and said instruct selection signal; and  
communicating said selected at least some of said television signal from said television programming source to said selected at least one of [a] said plurality of one of broadcast and [a] cablecast [transmitter] transmitters immediately.

25. (Amended) The method of claim 23, wherein said television transmitter station receives said [television signal] information transmission and an instruct immediate transmission signal from said at least one remote station, said method further comprising the steps of:

selecting at least some of said [television signal] information transmission based on one of said communication control signal and said instruct selection signal;  
communicating said selected [television signal] at least some of said information transmission to said television programming source; and  
storing said selected [television signal] at least some of said information transmission for delayed transmission.

26. (Amended) The method of claim 23, wherein said switch includes a plurality of outputs, said method further comprising the steps of:  
receiving a television signal from said at least one remote station;  
controlling said switch to communicate said television signal selectively to said one of said plurality one of broadcast and cablecast transmitters[,] and to said storage device [and one of said plurality one of broadcast and cablecast transmitters].

27. (Amended) The method of claim 23, wherein said computer controls said switch and said television programming source, said method further comprising the steps of:

receiving a television signal from said at least one remote [stations] station;  
controlling said switch to communicate at least a portion of said television signal to said television programming source; and  
controlling said television programming source to store said communicated at least a portion of said television signal.

28. (Amended) The method of claim 27, wherein said switch includes a plurality of outputs, said method further comprising the steps of subsequently:

controlling said television programming source to output said communicated and stored at least a portion of said television signal; and  
controlling said switch to communicate output from said television programming source to one of said plurality of outputs.

29. (Amended) A method of controlling a media network, wherein said media network includes a media transmitter station and a media receiver station, wherein said media transmitter station has a computer for controlling communication of signals, wherein said computer is adapted to transfer at least one [media file] signal based on [at least] one of (1) [at least one] a command and (2) [at least one] a specified time, wherein said at least one [media file] signal is stored at [at least one] a computer peripheral storage location, wherein said media transmitter station stores [at least one of a plurality of units of media] programming [in said at least one media file], wherein [each of] said [plurality of units of media] programming has an associated [at least] one of (1) a file designation and (2) a command designation, wherein said media receiver station has a processor for controlling presentation of a portion of media programming, and wherein

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said processor is programmed to present said portion of said media programming in accordance with at least one instruction [of a media programming supplier of said media transmitter station], said method comprising the steps of:

receiving at said media receiver station availability information of said [media] programming from said media transmitter station; and

transmitting [said] at least one command to said media transmitter station, wherein said at least one command designates for [each of a plurality of units of] said [media] programming [at least] one of (1) a time of transmission and (2) a channel of transmission, and [wherein said at least one command designating for each of said plurality of units of media programming] said at least one of (1) said file designation and (2) said command designation; and

causing said media transmitter station in response to said at least one command to transfer said [at least one of said plurality of units of media] programming from said [at least one] computer peripheral storage location and to transmit said [at least one of said plurality of units of media] programming based on said at least one of [said] a time of transmission and [said] a channel of transmission to said media receiver station.

30. (Amended) The method of claim 29, further comprising the steps of: communicating said [at least one unit of media] programming to a switch; and delaying communication of said [at least one of said plurality of units of media] programming [at a storage location associated with said switch; and communicating said at least one of said units of media programming from said storage location to said media receiver station].

31. (Amended) The method of claim 29, further comprising the step of: reordering a sequence of at least two of [said] a plurality of units of [media] said programming.

32. (Amended) The method of claim 29, wherein said at least one command designates a timing schedule for transmission of each of [said] a plurality of units of [media] said programming, wherein each of said plurality of units includes one of: (1) video programming, (2) audio programming, (3) computer programming, (4) hardcopy programming, and (5) electronic data, and wherein said timing schedule transmits a complete set of [programming] instructions associated with one media programming presentation.

33. (Amended) The method of 29, wherein [presenting] providing a product [comprises] includes delivering a physical element and outputting a programming datum, said method further comprising the steps of;

transmitting instructions for [presenting] providing said product;

performing in said media network at least one of (1) delaying communication of said instructions [in response to an instruction-to-delay signal], (2) checking a clock to determine when to communicate information associated with said product, (3) generating a [programming] datum [in response to an instruct-to-generate signal] associated with said product, and (4) processing [information associated with presenting said product] said instructions in response to a second command; and

delivering said product at said media receiver station.

34. (Amended) The method of claim 29, further comprising one of the steps of:

outputting [said media] a portion of programming at said media receiver station, wherein said [media] portion of programming includes an offer [to a product];

inputting a response command, wherein said response command includes one of (1) a subscriber reaction to said [media] portion of programming, and (2) a computer input; and

transmitting an order from said media receiver station.

35. (Amended) A method of controlling a media network, wherein said media network includes a media transmitter station and a media receiver station, wherein said media transmitter station has a computer for controlling communication of signals, wherein said computer is programmed to perform one of (1) communicating a file stored at a computer peripheral storage location and (2) controlling communication of media programming in accordance with a first command, wherein said media transmitter station stores at least one of a plurality of units of media programming, wherein each of said plurality of units of media programming has an associated one of (1) a file designation datum and (2) a command designation datum, wherein said media receiver station includes a processor for controlling presentation of said at least one of said plurality of units of media programming, and wherein said processor is programmed to perform at least one of (1) presenting said at least one of said plurality of units of media programming in a predetermined fashion based on a second command; and (2) enabling a presentation of said at least one of said plurality of units of media programming in accordance with an instruction [of a media programming supplier of the] supplied by said media transmitter station, said method comprising the steps of:

receiving at least one [availability] datum indicating availability of said at least one of said plurality of units of media programming from said media transmitter station; and

transmitting said first command to said media transmitter station, wherein said first command designates for said at least one of said plurality of units of media programming at least one of (1) a time of transmission and (2) a channel of transmission,



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[wherein said first command designates for said at least one of said plurality of units of media programming] and said one of (1) said file designation datum and (2) said command designation datum, thereby to cause said media transmitter station to input a communication control datum to said computer;

communicating said at least one of said plurality of units of media programming from said [at least one] computer peripheral storage location; and

transmitting at least one of said plurality of units of media programming at said at least one of [said] a time of transmission and [said] a channel of transmission.

36. (Amended) A method of controlling a media network, wherein said media network has a media transmitter station and a media receiver station, wherein said media transmitter station includes a computer for controlling communication of signals, wherein said computer is programmed to control communication of media programming in accordance with a first command, wherein with said media transmitter station stores at least one of a plurality of units of media programming, wherein each of said stored at least one of said plurality of units of media programming has an associated at least one of (1) a file designation datum, and (2) a command designation datum, wherein said media receiver station has a processor for controlling presentation of said media programming, and wherein said processor is programmed to present said at least one of said plurality of units of media programming in a predetermined fashion and based on a second command, said method comprising the steps of:

receiving at least one [availability] datum indicating availability of said media programming from said media transmitter station; [and]

transmitting said first command to said media transmitter station, wherein said first command designates for each of said plurality of units of media programming at least one of (1) a time of transmission, and (2) a channel of transmission, and wherein said first command designates for said at least one of said plurality of units of media programming

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said at least one of (1) [said] a file designation datum, and (2) [said] a command designation datum; and

causing said media transmitter station in response to said first command to:

- (a) input a communication control datum to said computer;
- (b) communicate said at least one of said plurality of units of media programming from a computer peripheral file storage medium; and
- (c) transmit said at least one of said plurality of units of media programming based on said at least one of [said] a time of transmission and [said] a channel of transmission.

37. (Amended) A method of controlling a remote intermediate transmitter station to communicate mass medium programming to a remote receiver station and controlling said remote receiver station to deliver an individualized mass medium programming presentation, said method comprising the steps of:

- (1) receiving said mass medium programming to be transmitted by [the] said remote intermediate transmitter station and delivering said mass medium programming to at least one origination transmitter;
- (2) receiving at least one instruct signal at said remote intermediate transmitter station, wherein said at least one instruct signal is operative at said remote receiver station to control delivery of at least one receiver specific datum during said individualized mass medium programming presentation;
- (3) receiving at least one control signal at said remote intermediate transmitter station, wherein said at least one control signal operates at said remote intermediate transmitter station to control communication of at least one of said mass medium programming and said at least one instruct signal; and

(4) transmitting from said remote intermediate transmitter station, in accordance with said at least one control signal, at least one information transmission containing said mass medium programming and said at least one instruct signal.

38. (Amended) The method of claim 37, wherein said mass medium programming includes [one of] audio [and text].

39. (Amended) The method of claim 37, wherein said mass medium programming [is] comprises a television program.

40. (Amended) The method of claim 37, wherein said at least one instruct signal includes downloadable executable code.

41. (Unchanged) The method of claim 37, wherein said at least one control signal includes at least one of a code and a datum which operate at said remote intermediate transmitter station to identify said mass medium programming, said method further comprising the step of:

transmitting a schedule which operates at said remote intermediate program transmitter station to communicate said mass medium programming to said at least one origination transmitter at a specific time.

42. (Unchanged) The method of claim 41, wherein said specific time is a scheduled time of transmitting said mass medium programming from said remote intermediate transmitter station, and wherein said at least one control signal is effective at said remote intermediate transmitter station to control at least one of a plurality of selective transfer devices at different times.

43. (Unchanged) The method of claim 37, further comprising the step of embedding a specific one of said at least one control signal in said mass medium programming before transmitting said mass medium programming to said remote intermediate transmitter station.

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44. (Amended) The method of claim 37, wherein said remote intermediate transmitter station communicates said mass medium programming according to a schedule, and wherein a specific one of said at least one control signal is effective at said remote intermediate transmitter station to communicate said mass medium programming to [one of (1) said at least one origination transmitter a plurality of times and (2) to] a plurality [of second] transmitters.

45. (Amended) A method of controlling a remote intermediate transmitter station to communicate program material to a remote receiver station and controlling said remote receiver station to process a [receiver specific] response, said method comprising the steps of:

[(1)] receiving mass medium programming to be transmitted by said remote intermediate transmitter station and delivering said mass medium programming to at least one origination transmitter;

[(2)] receiving at least one instruct signal at said remote intermediate transmitter station, wherein said at least one instruct signal is operative at said remote receiver station;

[(3)] receiving at least one control signal at said remote intermediate transmitter station, wherein said at least one control signal controls communication of said mass medium programming and said at least one instruct signal between said remote intermediate transmitter station and said remote receiver station; and

[[4]] transmitting from said remote intermediate transmitter station at least one information transmission containing said mass medium programming and said at least one instruct signal.

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46. (Amended) A method of controlling a remote intermediate transmitter station to communicate program material to a remote receiver station and controlling said remote receiver station to communicate a response generated at said remote receiver station to a remote data collection station, said method [of controlling] comprising the steps of:

[[1]] receiving programming to be transmitted from said remote intermediate transmitter station;

[[2]] receiving at least one instruct signal at said remote intermediate transmitter station, wherein said at least one instruct signal operates at said remote receiver station to direct said remote receiver station to create and communicate a receiver specific record to said remote data collection station;

[[3]] receiving at least one control signal at said remote intermediate transmitter station, wherein said at least one control signal controls communication of said programming and said at least one instruct signal between said remote intermediate transmitter station and said remote receiver station; and

[[4]] transmitting from said remote intermediate transmitter station at least one information transmission containing said [unit of] programming and said at least one instruct signal at a specific time in response to said at least one control signal.

47. (Amended) A method of controlling at least one remote receiver station from a transmitter station, wherein said transmitter station includes a broadcast or cablecast transmitter for transmitting at least one control signal, a selective transfer device operatively connected to said [plurality of] broadcast or cablecast transmitter, a plurality

of control signal sources, and a computer operatively connected to at least one of said plurality of control signal sources and said selective transfer device for controlling at least one of [said at least one of] said plurality of control signal sources and said selective transfer device, said method comprising the steps of:

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[(1)] receiving and storing at said transmitter station a first selection control signal;

[(2)] selecting, in accordance with said first selection control signal, at least one of said plurality of control signal sources;

[(3)] controlling said selective transfer device to communicate at least one second selection control signal from said selected [said] at least one of said plurality of control signal sources to said broadcast or cablecast transmitter, wherein said at least one second selection control signal is operative at [said] at least one remote receiver station to perform at least one of receiving and outputting at least one of (1) mass medium programming and (2) information to perform one of supplementing and completing [said] mass medium programming; and

[(4)] transmitting said at least one second selection control signal to said at least one remote receiver station.

48. (Amended) A method of controlling a network that communicates one of a television and a radio signal, said network comprising at least one transmitter station for transmitting said at least one of a television and a radio signal, and at least one receiver station for receiving said at least one of a television and a radio signal, said at least one transmitter station and said at least one receiver station each having respectively a computer for controlling [the] communication of signals, said method comprising the steps of:

[selecting] communicating said at least one of a television and a radio signal, said at least one of a television and a radio signal including at least one of a program and a

commercial, said at least one of a program and a commercial including at least an audio portion, said [selected] at least one of a television and a radio signal having an identification datum, said identification datum indicating said at least one of a program and a commercial;

[communicating said selected one of a television and a radio signal to a signal generator;]

adding one or more instruct signals to said [selected] at least one of a television and a radio signal, said one or more instruct signals operative at said at least one transmitter station and said at least one receiver station to control one or more of reception and communication of said [selected] at least one of a television and a radio signal; and

transmitting said [selected] at least one of a television and a radio signal and said one or more instruct signals to said at least one transmitter station.

49. (Amended) The method of claim 48, wherein said at least one of a television and a radio signal includes at least one of a non-visible portion and a non-audible portion, [said one of a television and a radio signal further includes information, said method further comprising, selecting said television or radio signal based upon a comparison, and] said method further having one step from the group consisting of:

embedding [the] said one or more instruct [signal] signals in said at least one of a non-visible portion [or said] and a non-audible portion [of said television or radio signal];

communicating at least some of a schedule to one of said at least one [of] transmitter station and said at least one receiver [stations] station;

comparing information in said at least one of a television [or] and a radio signal to information stored [at a receiver station] in said network;

selecting at least some portion of said at least one of a television [or] and a radio signal on the basis of at least one of said one or more instruct signals; and

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identifying a unit of television or radio programming [on the basis of said at least  
some of a schedule.] in said network.

50. (Unchanged) The method of claim 48, wherein said identification datum is communicated to a remote data collection station, said method further comprising the steps of:

selecting said identification datum at a station in said network; and  
communicating said identification datum to said at least one transmitter station.

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51. (Amended) The method of claim 48, wherein a [receiver] station in said network identifies a unit of one [of a unit] of television and of radio programming, [said one of a unit of television and of radio programming having a respective title, said receiver station being capable of identifying said one of a unit of television and of radio programming on the basis of said respective title,] said method further comprising the step of:

transmitting data that identifies [information contained in] said unit of one of [a unit of] television and of radio programming.

52. (Amended) The method of claim 48, wherein at least one [of the receiver stations] station in said network selects [a unit of] television or radio programming[, said unit of television or radio programming having a respective subject matter, said at least one receiver station being capable of selecting said unit of television or radio programming] on the basis of [said] subject matter.

53. (Amended) The method of claim 48, wherein said one of a television and a radio signal includes [said] a television signal [includes] including an audio portion and at least a portion of full motion video.



54. (Amended) The method of claim 48, wherein said one or more instruct [signal includes] signals include said identification datum.

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55. (Amended) A method of controlling a remote intermediate mass medium program transmitter station to communicate mass medium programming to a remote receiver station, said method comprising the steps of:

- receiving at an origination station a unit of mass medium programming;
- transmitting [both the] said unit of mass medium programming and a first signal from [the] said origination station to an intermediate mass medium program transmitter station;
- receiving at said intermediate mass medium program transmitter station [the] said unit of mass medium programming and said first signal;
- retransmitting, based on said first signal, [the] said unit of mass medium programming from said intermediate mass medium program transmitter station to [said] a receiver station; and
- receiving and [displaying] outputting said unit of mass medium programming at said [remote] receiver station.

56. (Amended) The method of claim 55, further comprising the steps of:

- storing [the] said unit of mass medium programming at [the] said intermediate mass medium program transmitter station;
- receiving and storing, at said intermediate mass medium program transmitter station, information designating at least a time for retransmitting said unit of mass medium programming to [the remote] said receiver station; and
- comparing, at [the] said intermediate mass medium program transmitter station, [the] said first signal to [the] said stored information to identify at least a time for

retransmitting said unit of programming to said [remote] receiver station, [said] a retransmission being performed based upon said [comparison] step of comparing.

57. (Amended) The method of claim 55 wherein said step of transmitting [from the origination station comprises] includes the step of transmitting [both the] said unit of mass medium programming and a second signal from [the] said origination station to said intermediate mass medium program transmitter station, said second signal [comprising] including an identification signal identifying [the] said unit of mass medium programming transmitted therewith.

58. (Amended) The method of claim 55, wherein said unit of mass medium programming [is] comprises television programming, said television programming including an audio portion and [at least] a portion of [full motion] video.

59. (Amended) A method of controlling a remote intermediate mass medium program transmitter station to communicate mass medium programming to a remote receiver station, said method [of controlling] comprising the steps of:  
receiving at an origination station a unit of mass medium programming;  
transmitting [both the] said unit of mass medium programming and a first signal from [the] said origination station to an intermediate mass medium program transmitter station;  
receiving at said intermediate mass medium program transmitter station [the] said unit of mass medium programming and said first signal;  
retransmitting, based on said first signal, [the] said unit of mass medium programming from [the] said intermediate mass medium program transmitter station to [the remote] a receiver station;

receiving at said [remote] receiver station said retransmitted unit of mass medium programming;

generating, under computer control at [the remote] said receiver station, user specific output; and

outputting at said [remote] receiver station, a [media] presentation [comprising] including said unit of mass medium programming and said generated user specific output.

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60. (Amended) The method of claim 59 wherein said step of generating comprises the steps of:

transmitting a second signal [from the intermediate mass medium program transmitter station] to [the remote] said receiver station;

receiving said second signal at said [remote] receiver station; and

generating, under computer control at said [remote] receiver station in response to said second signal, [a] said generated user specific output.

61. (Amended) The method of claim 59 wherein said step of outputting comprises the steps of:

transmitting a second signal [from said remote intermediate mass medium program transmitter station] to said [remote] receiver station;

receiving said second signal at said [remote] receiver station; and

outputting, based on said second signal, [the] said unit of mass medium programming and [the] said generated user specific output to provide a multimedia presentation at said [remote] receiver station.

62. (Amended) The method of claim 59, wherein said mass medium programming [is] comprises television programming, said television programming including an audio portion and [at least] a portion of [full motion] video.

63. (Amended) A method of controlling a remote intermediate mass medium program transmitter station to communicate mass medium programming to a remote receiver station, said method [of controlling] comprising the steps of:

receiving at an origination station a unit of mass medium programming;

transmitting [the] said unit of mass medium programming, an identification signal identifying [the] said unit of programming and one or more control signals from [the] said origination station to an intermediate mass medium program transmitter station, at least said identification signal being transmitted concurrently with said unit of mass medium programming;

receiving at said intermediate mass medium program transmitter station said unit of mass medium programming, said identification signal and said one or more control signals;

detecting said identification signal;

retransmitting said unit of mass medium programming, said identification signal and said one or more of the control signals from said intermediate mass medium program transmitter station to [said remote] a receiver station based on said identification signal; and

receiving at said [remote] receiver station said unit of mass medium programming, said identification [signals] signal and said one or more control signals.

64. (Amended) The method of claim 63 further comprising the steps of:

detecting, at [the] said intermediate mass medium program transmitter station, [the] said identification signal during [the] said step of retransmitting;

logging said step of retransmitting based on [the] said step of detecting said identification signal during said step of retransmitting.

65. (Amended) The method of claim 63, wherein said unit of mass medium programming [is] comprises television programming, said television programming including an audio portion and [at least] a portion of [full motion] video.

66. (Amended) A method of controlling a remote intermediate mass medium program transmitter station to communicate mass medium programming to a remote receiver station, said method [of controlling] comprising the steps of:

receiving at an origination station one or more units of mass medium programming;

transmitting said one or more units of mass medium programming, an identification signal identifying [the] said one or more units of mass medium programming and one or more control signals, from said origination station to an intermediate mass medium program transmitter station, at least [the] said identification signal being transmitted concurrently with said one or more units of mass medium programming;

storing at said intermediate mass medium program transmitter station, a programming schedule designating at least one of a time and a channel for transmitting said one or more units of mass medium mass programming;

receiving at [the] said intermediate mass medium program transmitter station said one or more units of mass medium programming, said identification signal and said one or more control signals;

detecting said identification signal;

comparing said identification signal to said programming schedule;

retransmitting said one or more units of mass medium programming, said identification signal and said one or more control signals from said intermediate mass medium program transmitter station to [said remote] a receiver station according to said programming schedule based on said step of comparing; and

receiving at said [remote] receiver station said one or more units of mass medium programming and said one or more control signals.

67. (Amended) The method of claim 66, wherein said one or more units of mass medium programming are television programming, said television programming including an audio portion and [at least] a portion of [full motion] video.

68. (Amended) A method of controlling a remote intermediate mass medium program transmitter station to communicate mass medium programming to a remote receiver station, said method [of controlling] comprising the steps of:

receiving at an origination station a unit of mass medium programming;

transmitting said unit of mass medium programming, an identification signal identifying said unit of mass medium programming and one or more control [signal] signals from said origination station to an intermediate mass medium program transmitter station, at least said identification signal being transmitted concurrently with said unit of mass medium programming;

storing at said intermediate mass medium program transmitter station, a programming schedule designating at least one of a time and a channel for transmitting one or more units of programming;

receiving at said intermediate mass medium program transmitter station said unit of mass medium programming, said identification signal and said one or more control signals;

detecting said identification signal;

comparing said identification signal to said programming [signal] schedule and retransmitting said unit of mass medium programming and said one or more of the control signals [form] from said intermediate mass medium program transmitter station to [said remote receive] a receiver station according to said programming schedule;

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receiving at said [remote] receiver station said unit of mass medium programming and said one or more control signals; and  
outputting [the] said unit of mass medium programming on an output device;  
generating, under computer control, a user specific output; and  
outputting said generated user specific output [on output device], such that [the] one or more of said steps of outputting [the] said unit of mass medium programming, generating [the] said user specific output, and outputting [the] said generated output are controlled on the basis of said one or more control signals received at said [remote] receiver station.

69. (Amended) The method of claim 68 further comprising the steps of:  
detecting at [the] said intermediate mass medium program transmitter station, [the] said identification signal; and  
logging said step of retransmitting based on said step of detecting said identification signal.

70. (Amended) The method of claim 68, wherein said unit of mass medium programming [is] comprises television programming, said television programming including an audio portion and [at least] a portion of [full motion] video.

71. (Amended) A method of communicating units of programming in a communications network, said communications network including one or more origination stations and an intermediate transmission station, said intermediate transmission station having a programming receiver, at least one selective [transmission] transfer device for transferring programming from said programming receiver to a transmitter, an automatic control unit operatively connected to said at least one selective

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[transmission] transfer device, and a detector operatively connected to said automatic control unit for detecting one or more signals, said method comprising the steps of:

transmitting a plurality of units of programming from said one or more origination stations, said plurality of units of programming including at least one signal for comparison;

said intermediate transmission station receiving, and passing to said automatic control unit, [said comparison] a schedule;

receiving said plurality of units of programming;

detecting and passing to said automatic control unit said at least one signal for comparison; and

selectively performing at least one of [the] said steps of storing and retransmitting said plurality of units of programming based upon comparisons performed by said automatic control unit at different times in accordance with said [comparison] schedule.

72. (Amended) The method of claim 71, wherein said plurality of units of programming [are] comprise television programming, said television programming including an audio portion and [at least] a portion of [full motion] video to be displayed simultaneously with said audio portion.

73. (Amended) A method of communicating units of programming to an intermediate transmitter station in a communications network, said communications network including at least one origination station and an intermediate transmission station, said intermediate transmission station having a receiver, at least one selective transfer device for transferring units of programming from said receiver to [a] an intermediate transmitter, an automatic control unit operatively connected to said selective [transmission] transfer device, and a detector operatively connected to said automatic control unit, said method comprising the steps of:



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[(1)] receiving a [comparison] schedule [in said at least one origination station] and delivering said [comparison] schedule to [at least one origination] said intermediate transmitter station before a specific time, said [comparison] schedule being effective at [the] said intermediate transmission station to instruct said automatic control unit to perform comparisons and at least one of to store and to retransmit said units of programming;

[(2)] receiving said units of programming in said at least one origination station;

[(3)] receiving a signal for comparison in said at least one origination station;

[(4)] delivering said units of programming and said signal for comparison to [said] at least one origination transmitter, said signal for comparison being included [in] with said units of programming and being delivered to said at least one origination transmitter before said specific time; and

[(5)] transmitting from said at least one origination [stations said comparison schedule,] station said units of programming and said signal for comparison.

74. (Amended) The method of claim 73, wherein said units of programming [are] comprise television programming, said television programming including an audio portion and [at least] a portion of [full motion] video to be output simultaneously at a television set.

75. (Amended) A method of communicating one or more units of programming in a communications network, said communications network including at least one origination station and an intermediate transmission station, said at least one origination station having at least one origination transmitter, said intermediate transmission station having [a] an intermediate transmitter, a plurality of storage locations capable of receiving and storing at least one unit of programming, a receiver, and an automatic control unit operatively connected to at least one of said plurality of storage

locations, said intermediate transmission station capable of delayed transmission, said method comprising the steps of:

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transmitting said at least one [of said one or more units] unit of programming from said at least one origination [stations] station;  
transmitting a selection control signal from said at least one origination station;  
receiving said selection control signal and said at least one of [said one or more units] unit of programming at said intermediate transmission station;  
passing said selection control signal to said automatic control unit;  
selecting said at least one of said plurality of storage locations to store at least one of [said one or more units] unit of programming for delayed transmission, selecting at least one of [said one or more units] unit of programming to be delayed, said at least one of said plurality of storage locations and said at least one [or more units] unit of programming being selected in accordance with said selection control signal; and  
controlling said selected at least one of [a] said plurality of storage locations to store [the] said selected [unit] at least one unit of programming to be delayed.

76. (Amended) The method of claim 75, wherein said [one or more units] at least one unit of programming [are] comprise television programming, said television programming including an audio portion and [at least] a portion of [full motion] video.

77. (Amended) A method of communicating information in a financial information receiver system, said financial information receiver system including a cable system, said cable system having a first receiver for receiving financial data including price data related to financial securities, a second receiver for receiving news items including television programming, a switch for switching communications transmissions, one or more storage devices for storing said financial data and said news items, and one or more user stations, each of said user station for receiving and communicating financial

information to a subscriber, with each of said user station having a third receiver, a computer operatively connected to said third receiver, and an output device operatively connected to said third receiver and said computer for outputting said financial information, said method comprising the steps of:

receiving a digital communications signal, said digital communications signal including said financial data;

supplying one or more comparison signals, each of said comparison [signal] signals including an identifier of at least one of a news item and a financial datum;

detecting the presence of at least one instruct-to-coordinate signal at said [receiver station] one or more user stations, each said at least one instruct-to-coordinate signal designating information content to be coordinated with a news item and at least one of:

- (1) at least one financial datum to communicate to a storage location for subsequent processing;
- (2) financial output information content to be generated; and
- (3) a signal identifying news to be communicated;
- generating said financial [output] information [content] by processing data stored in said computer in response to [an instruct-to-generate] said at least one instruct-to-coordinate signal; and

communicating television programming to said subscriber that contains said financial [output] information [content] and said news [item] items.

78. (Unchanged) The method of claim 77, further comprising the step of programming said computer to perform one or more of the group consisting of:

storing a data portfolio, said data portfolio comprising one or more identification data of financial securities;

receiving and processing news items related to said financial data;

responding to instructions received with a television signal;

presenting a news item or television programming in one or more predetermined fashions.

79. (Amended) A method of communicating television programming in a television communications network, said communications network having one or more programming origination stations, at least one intermediate transmitter station, and at least one receiver station, said method comprising the steps of:

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transmitting a plurality of channels of television programming concurrently from said one or more programming origination stations to said at least one intermediate transmitter station, each [channel] of said plurality of channels communicating television programming and at least one identification signal, said television programming including at least one of (i) audio and (ii) a plurality of video images to be displayed in a predetermined sequence [to portray motion];

receiving [the] said plurality of channels of television programming at said at least one intermediate transmitter station;

detecting at least one of [the] said at least one identification [signals] signal [transmitted] communicated on [the] said received plurality of television programming channels;

retransmitting a portion of a first of said plurality of channels of television programming on a first of a plurality of retransmission channels or frequencies;

selecting [at least one] a second of said plurality of retransmission channels or frequencies based on said detected at least one of said at least one identification signal;

selectively retransmitting [the] said television programming from one or more of [the] said received [programming] plurality of channels over said [at least one] selected [one] second of said plurality of retransmission channels or frequencies to said at least one receiver station [based on the identification signals]; and

receiving, at [the] said at least one receiver station, [the] said television programming transmitted from said at least one intermediate transmitter station.

80. (Amended) The method of claim 79, wherein each said at least one identification signal comprises at least one of:

- a signal identifying [the] a source of [the] programming;
- a signal identifying [the origination] a station transmitting [the] programming;
- a signal identifying [the] a transmitted unit of programming; and
- a signal identifying [the subject matter] a channel of [the] programming.

81. (Amended) The method of claim 79, further comprising the step of:  
storing at [the] said at least one intermediate transmitter station a programming schedule identifying at least one of [each] said plurality of channels of television programming [channel], [the] said at least one identification [signals transmitted] signal communicated with each of said plurality of channels of television programming [channel] and [the] a scheduled time for [the] said at least one intermediate transmitter station to receive one or more units of programming over [the programming] said plurality of channels of television programming.

82. (Amended) The method of claim 79, wherein said step of selectively retransmitting comprises the steps of:  
selecting [one of the] received programming [channels];  
[selecting an output channel or frequency for retransmitting the selected received programming channel;]  
configuring, automatically under computer control, a switch at [the] said intermediate transmitter station to [retransmit the] communicate said selected received

programming [channel] to a receiver station over [the] said selected [output channel or frequency.] second of said plurality of retransmission channels or frequencies.

83. (Amended) The method of claim 79, further comprising the steps of:  
scanning [the] said received plurality of [the received programming] channels of television programming,

detecting [the] said at least one identification [signals] signal on each of [the] said plurality of channels;

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identifying one of [the programming] said plurality of channels communicating a predetermined identification signal based on said steps of scanning and detecting said at least one identification signal on each of said plurality of channels;

wherein said step of selectively retransmitting comprises the step of retransmitting [the] said television programming communicated from [the] said identified [channel over a retransmission channel or frequency over a cable distribution network] one of said plurality of channels.

84. (Amended) A method of communicating television programming in a television communications network, said communications network having [at least one] programming origination [station,] capacity, at least one intermediate transmitter station, and at least one viewer station, said method comprising the steps of:

transmitting a plurality of channels of television programming concurrently from [said] at least one programming origination station to said at least one intermediate transmitter station, each [channel] of said plurality of channels communicating television programming and at least one identification signal, each said at least one identification signal identifying [the] said television programming communicated therewith, said television programming including at least one of (i) audio and (ii) a plurality of video images to be displayed in a predetermined sequence [to portray motion];

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storing a programming schedule at [the] said at least one intermediate transmitter station;  
receiving [the] said plurality of channels of television programming at [the] said at least one intermediate transmitter station;  
detecting [the] said at least one identification [signals] signal on at least one of [the] said received [programming] plurality of channels;  
retransmitting a portion of a first of said plurality of channels of programming on a first of a plurality of retransmission channels or frequencies;  
selecting [at least one] a second of said plurality of retransmission channels or frequencies [based on at least one of said detected identification signals];  
comparing [the] said detected at least one identification [signals] signal to [the] said programming schedule;  
selecting at least a portion of said received plurality of channels of television programming for retransmission based on said step of comparing;  
retransmitting [the] said selected at least a portion of said plurality of channels of television programming [from one or more of said received plurality of channels of programming] from [the] said at least one intermediate transmitter station [over said at least one selected one of said plurality of retransmission channels or frequencies] to said at least one viewer station; and  
receiving, at said at least one viewer station, said selected at least a portion of said plurality of channels of television programming transmitted from [the] said at least one intermediate transmitter station.

85. (Amended) The method of claim 84, and further comprising the step of logging said [step] steps of retransmitting.

86. (Amended) The method of claim 85, wherein said step of logging comprises the steps of:

detecting [the] retransmission of [a unit] an identification signal during [the] retransmission [of the selected unit] of programming from [the] said at least one intermediate transmitter station to [the receiver] said at least one viewer station; and  
[logging] recording said [step] steps of retransmitting based on said step of detecting [the] retransmission of [the unit] said identification signal.

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87. (Amended) A method of communicating television programming in a television communications network, said communications network having [at least one] programming origination [station,] capacity, at least one intermediate transmitter station, and at least one viewer station, said method comprising the steps of:

transmitting a plurality of channels of television programming concurrently from said [at least one] programming origination [station] capacity to said at least one intermediate transmitter station, said television programming including at least one of (i) audio and (ii) a plurality of video images to be displayed in a predetermined sequence [to portray motion], at least one of said plurality of channels communicating at least one identification signal, said at least one identification signal identifying at least a portion of said television programming;

storing a programming schedule [at said at least one intermediate transmitter station,] in said television communications network;

receiving said plurality of channels of television programming at said at least one intermediate transmitter station;

detecting said at least one identification signal in said television communications network;

retransmitting said plurality of channels of programming on a plurality of retransmission channels or frequencies;



[selecting at least one of said plurality of retransmission channels or frequencies based on said detected at least one identification signal;]

comparing said detected at least one identification signal to said programming schedule;

selecting [said] at least [said] a portion of said received plurality of channels of television programming [for storage at said at least one intermediate transmitter station] based on said step of comparing;

storing said selected at least [said] a portion of said plurality of channels of television programming [at said at least one intermediate transmitter station;] in said television communications network; and

[transmitting said selected at least said portion of said television programming from one or more of said received plurality of channel of programming from said at least one intermediate transmitter station over said at least one selected one of said plurality of retransmission channels or frequencies to said at least one viewer station based on said programming schedule;]

[receiving,] outputting, at said at least one viewer station, said television programming [transmitted from said at least one intermediate transmitter station.] to a viewer.

88. (Amended) The method of claim 87, wherein said step of storing [the selected television programming] comprises the steps of:

directing [the received channel or] said received plurality of channels of television programming [containing the selected television programming] to one or more programming storage devices located [at the intermediate transmitter station] in said television communications network; and

storing [the] said selected at least a portion of said received plurality of channels of television programming on [the] said one or more programming storage devices.

89. (Amended) The method of claim 88, wherein said step of directing comprises the step of configuring a switch under computer control to connect [the] said received plurality of channels of television programming to one of said [the] one or more programming storage devices.

90. (Amended) A method of controlling a remote television transmitter station and a television receiver station, said method comprising the steps of:  
communicating [an] a first information transmission from an origination station and a second information transmission to said remote television transmitter station, said second information transmission including a plurality of channels of television programming, a first signal, [and] a second signal, and said first information transmission, said plurality of channels of television programming including at least one of (i) audio and (ii) a plurality of video images to be displayed in a predetermined sequence [to portray motion];

storing a programming schedule at [the] said remote television transmitter station;  
receiving [the] said second information transmission at [the] said remote television transmitter station;

detecting [the] said first signal;

comparing [the] said first signal to [the] said programming schedule;

retransmitting a first of said plurality of channels of television programming on a first of a plurality of retransmission channels or frequencies;

selecting at least one of said plurality of retransmission channels or frequencies based on said [detected first signal;] step of comparing;

retransmitting said plurality of channels of television programming and said second signal from [the] said intermediate transmitter station over [said at least one

selected one of] said plurality of retransmission channels or frequencies to said television receiver station[, based on said step of comparing;];

receiving at [the] said television receiver station [the] television programming and [the] said second signal;

detecting [the] said second signal; and

outputting said television programming at [the] said television receiver station based on one of said first signal and said second signal.

91. (Amended) A method of controlling a remote television transmitter station and a television receiver station, said method comprising the steps of:

communicating [an] a first information transmission from an origination station and a second information transmission to said remote television transmitter station, said second information transmission including a plurality of channels of television programming, a first signal, [and] a second signal, and said first information transmission, said plurality of channels of television programming including at least one of (i) audio and (ii) a plurality of video images to be displayed in a predetermined sequence [to portray motion];

receiving [the] said second information transmission at [the] said remote television transmitter station;

detecting [the] said first signal at said remote television transmitter station;

performing a function at [the] said remote television transmitter station based on said detected first signal;

retransmitting a first of said plurality of channels of television programming on a first of a plurality of retransmission channels or frequencies;

selecting at least one of said plurality of retransmission channels or frequencies based on said detected first signal;

retransmitting said plurality of channels of television programming and said second signal from [the] said remote television transmitter station over [said at least one selected one of] said plurality of retransmission channels or frequencies to said television receiver station;

receiving at [the] said television receiver station [at least] said plurality of channels of television programming and said second signal;

detecting said second signal at said television receiver station;

performing a second function at [the] said television receiver station based upon said detected second signal.

92. (Amended) The method of claim 91, wherein said step of communicating comprises [the step of] communicating [an information transmission from an origination station to an intermediate transmitter station, said information transmission comprising television programming, a first signal and a second signal, wherein each of said signals are] one or more from the group consisting of:

an identification signal identifying a source of television programming;

an identification signal identifying television programming;

an identification signal identifying an origination station;

a signal that instructs [the] recording of television programming;

a signal that instructs [the] delayed transmission of television programming;

a signal that instructs [the] retransmission of television programming according to a programming schedule;

a signal that instructs a computer to contact a remote station;

a signal that instructs a tuner to tune to a specific channel or frequency;

a signal that instructs a decryptor to decrypt;

a switch control signal for controlling [the] operation or configuration of a switch;

[an instruct-to-generate] a signal that instructs a computer to generate information;

[an] instruct-to-output] a signal that instructs a computer to output information;  
a signal that coordinates a multimedia presentation;  
an environmental control signal; and  
a signal for controlling [the] operation of [an] equipment addressed by the signal.

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93. (Amended) A method of controlling a remote television transmitter station and a television receiver station, said method comprising the steps of:  
communicating [an] a first information transmission from an origination station and a second information transmission to said remote television transmitter station, said second information transmission containing a plurality of channels of television programming, [and] a first signal and said first information transmission, said plurality of channels of television programming including at least one of (i) audio and (ii) a plurality of video images to be displayed in a predetermined sequence [to portray motion];  
receiving [the] said second information transmission at said remote television transmitter station;  
detecting [the] said first signal at said remote television transmitter station;  
performing a function at said remote television transmitter station based on said detected first signal;  
[embedding,] communicating, at said remote television transmitter station, a second signal in [the] a portion of said second information transmission containing [said] television programming;  
retransmitting a first of said plurality of channels of television programming on a first of a plurality of retransmission channels or frequencies;  
selecting [at least] one of said plurality of retransmission channels or frequencies based on said detected first signal;  
transmitting said plurality of channels of television programming and said [embedded] second signal from [the] said remote television transmitter station over [said]

at least one selected one of] said plurality of retransmission channels or frequencies to said television receiver station;

receiving at [the] said television receiver station [said at least] said plurality of channels of television programming and said [embedded] second signal;

detecting [the] said second signal at said television receiver station;

performing a second function at [the] said television receiver station based upon said detected second signal.

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94. (Amended) A method of communicating television programming in a communications network, said communications network including [at least one] origination [station] capacity, and at least one intermediate transmission station, said at least one intermediate transmission station having at least one transmitter, at least one receiver, at least one selective transfer device for transferring programming from said at least one receiver to said at least one transmitter, at least one automatic control unit operatively connected to said selective transfer device, and at least one signal detector operatively connected to said at least one automatic control unit, said method comprising the steps of:

transmitting from said [at least one] origination [station an] capacity information [transmission] transmissions containing a plurality of channels of television programming, said plurality of channels of television programming including at least one of (i) audio and (ii) a plurality of video images to be displayed in a predetermined sequence [to portray motion], and said information [transmission] transmissions including at least one retransmission control signal;

transmitting at least one signal for comparison [from] in consequence of said [at least one] origination [station] capacity;

said at least one intermediate transmission station detecting and passing to said at least one automatic control unit said at least one retransmission control signal;

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receiving said plurality of channels of television programming;  
retransmitting a first of said plurality of channels of television programming on a first of a plurality of retransmission channels or frequencies;  
[selecting at least one of said plurality of retransmission channels or frequencies based on said at least one retransmission control signal;]  
receiving and passing to said at least one automatic control unit said at least one signal for comparison; and  
performing in said communications network, based on said at least one retransmission control signal and said at least one signal for comparison, at least one of the steps of (1) selectively storing at least a portion of said plurality of channels of television programming [based on said at least one comparison performed by said at least one automatic control unit] and (2) selectively transferring a portion of said plurality of channels of television programming [for transmission over said at least one selected one of said plurality of retransmission channels or frequencies in accordance with said at least one retransmission control signal] to an output device.

95. (Amended) A method of communicating a plurality of channels of television programming in a communications network, said communications network including [at least one] origination [station] capacity and at least one intermediate transmission station, said at least one intermediate transmission station having at least one transmitter, at least one receiver, at least one selective transfer device for transferring said plurality of channels of television programming from said at least one receiver to said at least one transmitter, at least one automatic control unit operatively connected to said at least one selective transfer device, and at least one signal detector operatively connected to said at least one automatic control unit, said method comprising the steps of:  
receiving at least one signal for comparison [at] with respect to said [at least one] origination [station,] capacity, said at least one signal for comparison being effective at

said at least one intermediate transmission station to serve as a basis for instructing said at least one automatic control unit regarding at least a portion of said plurality of channels of television programming to store;

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[receiving] transmitting from said origination capacity said plurality of channels of television programming [at said at least one origination station], said plurality of channels of television programming including [at least one of] (i) audio and (ii) a plurality of video images to be displayed in a predetermined sequence, [to portray motion; delivering said plurality of channels of television programming] and said at least one signal for comparison to said at least one transmitter, said signal for comparison being included in [an] one or more information [transmission] transmissions containing said plurality of channels of television programming and being delivered to said at least one transmitter before a specific time;

receiving at least one retransmission control signal [at said at least one origination station] and delivering said at least one retransmission control signal to said at least one [transmitter] intermediate transmission station before said specific time;

retransmitting a portion of a first of said plurality of channels of television programming on a first of a plurality of retransmission channels or frequencies;

selecting [at least] one of said plurality of retransmission channels or frequencies, said audio and said plurality of video images based on said at least one retransmission control signal and said at least one signal for comparisons;

transmitting from said at least one [origination] intermediate transmission station [over said at least one selected one of said plurality of retransmission channels or frequencies said at least one signal for comparison,] said plurality of channels of television programming, [and] said [at least one retransmission control signal.] plurality of channels of television programming including said audio and said plurality of video images.



96. (Amended) A method of controlling an output network, [the] said output network comprising an origination station, a delivery station, and a third station, [the] said origination station [comprising] including a computer for controlling [the] communication of signals, [the] said origination station storing at least one signal, each stored signal having an associated one of:

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- (1) a file designation datum; and
  - (2) a command designation datum;

[the] said delivery station comprising a processor and a plurality of processor [peripheral places] peripherals, [the] said processor controlling [the] delivery of data with [the] said processor being operatively connected to [one of] [the] said plurality of processor [peripheral places] peripherals for communicating instructions and data [between the one of the plurality of processor peripheral places and the processor], and with each of [the] said plurality of processor [peripheral places] peripherals being capable of delivering output comprising at least one of video, audio, heat, cold, a physical movement, a mark, a record, a recording, a telephonic communication, a physical element, a [received] programming signal, and instructions and expression of subscriber desire; [the] said third station being one of:

- (1) a transmitter station;
- (2) a receiver station; and
- (3) a remote data collection station;

[the] said method comprising [the] said steps of  
[preparing a product for presentation, with the presentation comprising delivering a physical element and outputting a programming datum;]

outputting mass medium programming at [the] said delivery station, [the] said mass medium programming containing an offer of [the] a product;

inputting a command, [the] said command comprising one of;

- (1) a human reaction to [the] said programming; and

(2) a computer input; and  
transmitting an order from [the] said delivery station;  
transmitting to [the] said delivery station instructions for [presenting] providing  
[the] said product; and  
delivering [the] said product at [the] said delivery station.

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97. (Amended) A method of controlling an intermediate transmitter station  
to communicate television programming to a receiver station, [the] said method  
comprising [the] said steps of:  
receiving [the] said television programming at an origination station ;  
transmitting [the] said television programming and a signal from [the] said  
origination station to [the] said intermediate transmitter station;  
receiving [the] said television programming and [the] said signal at [the] said  
intermediate transmitter station;  
detecting [the] said signal at [the] said intermediate transmitter station;  
[selecting] establishing, under computer control, a transmission time and a  
transmission channel for transmitting [the] said television programming from [the] said  
intermediate transmitter station based on [the] said signal;  
transmitting [the] said television programming from [the] said intermediate  
transmitter station to [the] said receiver station at [the] said [selected] established  
transmission time and over [the] said [selected] established transmission channel;  
receiving at [the] said receiver station [the] said transmitted television  
programming[;  
generating, under computer control, a user specific output at the receiver station,  
the user specific output being related to the received television programming; and  
outputting a user specific presentation at the receiver station comprising the  
received television programming and the generated user specific output].

98. (Amended) A method of controlling an intermediate transmitter station to communicate television programming to a receiver station, [the] said method comprising [the] said steps of:

receiving [the] said television programming at an origination station ;

transmitting [the] said television programming and a plurality of signals from [the] said origination station to [the] said intermediate transmitter station;

receiving at [the] said intermediate transmitter station [the] said television programming and [the] said plurality of signals;

transmitting [the] said television programming from [the] said intermediate transmitter station to [the] said receiver station based upon at least one of [the] said plurality of signals received at [the] said intermediate transmitter station;

receiving at [the] said receiver station [the] said transmitted television programming and [the] said at least one of [the] said plurality of signals;

outputting [on] at an output device at [the] said receiver station [the] said received television programming;

generating, under computer control, a user specific output at [the] said receiver station[,the user specific output being related to the received television programming];

and

outputting [the] said generated user specific output [on the output device] based upon [the] said received at least one of [the] said plurality of signals, thereby to [output a presentation comprising] provide [the] said television programming and [the] said generated user specific output.

99. (Amended) The method of claim 98, wherein [the] said step of outputting [the] said generated user specific output includes outputting [the] said generated user specific output [on the output device] in response to [the] said received at

least one of [the] said plurality of signals, thereby to output a presentation [comprising]  
including [the] said television programming and [the] said generated user specific output.

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100. (Amended) A method of controlling an intermediate transmitter station  
to communicate television programming to a receiver station, [the] said method  
comprising [the] said steps of:

- receiving [the] said television programming at at least one origination station ;
- transmitting [the] said television programming and a plurality of signals from  
[the] said at least one origination station to [the] said intermediate transmitter station;
- receiving at [the] said intermediate transmitter station [the] said television  
programming and [the] said plurality of signals;
- transmitting [the] said television programming and at least one of [the] said  
plurality of signals from [the] said intermediate transmitter station to [the] said receiver  
station based upon [the] said at least one of [the] said plurality of signals received at [the]  
said intermediate transmitter station;
- receiving at [the] said receiver station [the] said transmitted television  
programming and [the] said at least one of [the] said plurality of signals;
- outputting [on an output device] at [the] said receiver station information  
contained in [the] said received television programming;
- receiving and storing data at [the] said receiver station; and
- generating and outputting, under computer control and based upon [the] said  
stored data, a user specific output at [the] said receiver station, the user specific output  
being related to the received television programming; and
- outputting the generated user specific output on the output device] in response to  
[the] said at least one of [the] said plurality of signals, thereby to output a coordinated  
presentation comprising [the] said television programming and [the] said generated user  
specific output.

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101. (Amended) The method of claim 100, wherein [the] said step of receiving and storing said data [includes:] comprises:  
querying a remote source;  
receiving [the] said data from [the] said remote source in response to [the] said [query] step of querying; and  
storing [the] said received data at [the] said receiver station.

102. (Amended) The method of claim 101, wherein [the] said data is transmitted from [the] said at least one origination station, [the] said intermediate transmitter station receives and retransmits [the] said data, and [the] said receiver station detects [the] said data in a signal received from [the] said intermediate transmitter station.

103. (Amended) The method of claim 100, further comprising [the] said step of logging [the] transmission of [the] said television programming and [the] said at least one of [the] said plurality of signals from [the] said intermediate transmitter station to [the] said receiver station.

104. (Amended) A method of controlling an intermediate transmitter station to communicate television programming to a receiver station, [the] said method comprising [the] said steps of:

receiving [the] said television programming at an origination station ;  
transmitting [the] said television programming, a first signal and a second signal from [the] said origination station to [the] said intermediate transmitter station;  
storing a programming schedule at [the] said intermediate transmitter station;  
receiving at [the] said intermediate transmitter station [the] said television programming, [the] said first signal and [the] said second signal;

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detecting [the] said first signal and [the] said second signal;  
comparing [the] said first signal to [the] said programming schedule;  
transmitting [the] said television programming and [the] said second signal from  
[the] said intermediate transmitter station to [the] said receiver station according to [the]  
said programming schedule based on [the] said step of comparing;  
receiving at [the] said receiver station [the] said transmitted television  
programming and [the] said second signal;  
outputting on an output device at [the] said receiver station [the] said received  
television programming;  
receiving and storing data at [the] said receiver station; and  
generating and outputting, under computer control and based upon [the] said  
stored data, a computer generated output at [the] said receiver station[, the computer  
generated output being related to the received television programming; and  
outputting the computer generated output on the output device] based upon [the]  
said second signal, thereby to output a coordinated [presentation] delivery comprising  
[the] said television programming and [the] said computer generated output.

105. (Amended) The method of claim 104, wherein [the] said step of  
comparing comprises comparing [the] said first signal to [the] said programming  
schedule; [the] said first signal comprising [an] a first identification signal identifying  
[the] said television programming; [the] said programming schedule comprising [the] a  
second identification signal, a transmission time and a transmission channel for  
transmitting [the] said television programming.

106. (Unchanged) The method of claim 105, wherein [the] said programming  
schedule further comprises a designated time and a designated channel for [the] said

intermediate transmitter station to receive [the] said television programming from [the] said origination station.

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107. (Amended) The method of claim 105, wherein [the] said step of transmitting [the] said television programming from [the] said intermediate transmitter station comprises transmitting [the] said television programming and [the] said second signal from [the] said intermediate transmitter station to [the] said receiver station at [the] said transmission time and on [the] said transmission channel, according to [the] said programming schedule based on [the] said step of comparing.

108. (Amended) The method of claim 104, wherein [the] said computer generated output is user specific.

109. (Amended) A method of controlling an intermediate transmitter station to communicate television programming to a receiver station, [the] said method comprising [the] said steps of:

receiving [the] said television programming at an origination station;  
transmitting [the] said television programming, a first signal and a second signal from [the] said origination station to [the] said intermediate transmitter station;  
storing a programming schedule at [the] said intermediate transmitter station;  
receiving at [the] said intermediate transmitter station [the] said television programming, [the] said first signal and [the] said second signal ;  
detecting [the] said first signal at [the] said intermediate transmitter station;  
comparing [the] said first signal to [the] said programming schedule;  
transmitting [the] said television programming and [the] said second signal from [the] said intermediate transmitter station to [the] said receiver station according to [the] said programming schedule based on [the] said step of comparing;

receiving at [the] said receiver station [the] said television programming and [the] said second signal;

detecting [the] said second signal at [the] said receiver station;

outputting on an output device at [the] said receiver station [the] said television programming; and

performing, under computer control at [the] said receiver station, a function in response to [the] said second signal.

110. (Amended) The method of claim 109, wherein one of [the] said first signal and [the] said second signal [are] is embedded in [the] said television programming.

111. (Amended) The method of claim 109, wherein [the] said function includes governing [the] said receiver station environment.

112. (Amended) The method of claim 109, wherein [the] said function includes coordinating [the] delivery of information to supplement [the] said television programming.

113. (Amended) The method of claim 109, wherein [the] said function includes storing data to evidence one of an availability, use, and usage of [the] said television programming.

114. (Amended) The method of claim 109, wherein [the] said intermediate transmitter station transmits [the] said first signal and [the] said receiver station stores information contained in [the] said first signal to evidence one of an availability of [the] said second signal and a performance of [the] said function.